United States Environmental Protection Agency
Region 9 Laboratory
1337 S. 46th Street Building 201
Richmond, CA 94804

Date: **2/16/2012**

Subject: **Analytical Testing Results - Project R33911**
SDG: 12039A

From: **Brenda Bettencourt, Director**
EPA Region 9 Laboratory
MTS-2

To: **Richard Fetzer**
US EPA Region 3, Eastern Response Branch
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Purgeable Petroleum Hydrocarbons by GC/FID

DIM0186825

United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager:	Richard Fetzer	**US EPA Region 3, Eastern Response Branch**	**SDG:**	12039A
Project Number:	R33911	**100 Gypsum Road**	**Reported:**	02/16/12 14:37
Project:	Dimock Residential Groundwater	**Stroudsburg PA, 18360**		

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
HW31	1202020-03	Water	02/06/12 18:20	02/08/12 09:50
HW31-P	1202020-04	Water	02/06/12 18:28	02/08/12 09:50
HW31z	1202020-05	Water	02/06/12 18:20	02/08/12 09:50
TB25	1202020-06	Water	02/06/12 10:25	02/08/12 09:50
FB11	1202020-07	Water	02/06/12 14:36	02/08/12 09:50
HW30	1202020-08	Water	02/06/12 14:34	02/08/12 09:50
HW30-P	1202020-09	Water	02/06/12 15:00	02/08/12 09:50
TB26	1202020-10	Water	02/06/12 10:30	02/08/12 09:50
HW15a	1202020-11	Water	02/07/12 10:47	02/08/12 09:50
HW15a-P	1202020-12	Water	02/07/12 10:55	02/08/12 09:50
TB28	1202020-13	Water	02/07/12 07:05	02/08/12 09:50
FB12	1202023-01	Water	02/07/12 13:35	02/09/12 10:00
HW51	1202023-02	Water	02/07/12 13:48	02/09/12 10:00
HW51-P	1202023-03	Water	02/07/12 13:56	02/09/12 10:00
TB27	1202023-04	Water	02/07/12 07:00	02/09/12 10:00
HW47	1202023-05	Water	02/08/12 11:50	02/09/12 10:00
HW47-P	1202023-06	Water	02/08/12 12:25	02/09/12 10:00
TB29	1202023-07	Water	02/08/12 07:05	02/09/12 10:00
FB13	1202023-08	Water	02/08/12 09:00	02/09/12 10:00
HW38	1202023-09	Water	02/08/12 10:41	02/09/12 10:00
HW38-P	1202023-10	Water	02/08/12 10:52	02/09/12 10:00
TB30	1202023-11	Water	02/08/12 07:10	02/09/12 10:00

SDG ID 12039A

Purgeable Petroleum Hydrocarbons:

Samples 1202023-08, -09, -10, and -11 were received at 8 degrees C, which is above the recommended temperature range of 2 - 6 degrees C. No significant impact is anticipated on the sample results.

Insufficient sample volume was provided to perform matrix spike / matrix spike duplicate (MS/MSD) analysis on any samples for this sample delivery group.

Work Order(s)

1202020

1202023

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Project: Dimock Residential Groundwater	**Stroudsburg PA, 18360**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202020-03									**Water - Sampled: 02/06/12 18:20**
Sample ID: HW31									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		109 %		*76-121%*		"	"	"	
Lab ID: 1202020-04									**Water - Sampled: 02/06/12 18:28**
Sample ID: HW31-P									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		110 %		*76-121%*		"	"	"	
Lab ID: 1202020-05									**Water - Sampled: 02/06/12 18:20**
Sample ID: HW31z									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		110 %		*76-121%*		"	"	"	
Lab ID: 1202020-06									**Water - Sampled: 02/06/12 10:25**
Sample ID: TB25									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		110 %		*76-121%*		"	"	"	
Lab ID: 1202020-07									**Water - Sampled: 02/06/12 14:36**
Sample ID: FB11									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		110 %		*76-121%*		"	"	"	
Lab ID: 1202020-08									**Water - Sampled: 02/06/12 14:34**
Sample ID: HW30									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		109 %		*76-121%*		"	"	"	
Lab ID: 1202020-09									**Water - Sampled: 02/06/12 15:00**
Sample ID: HW30-P									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		108 %		*76-121%*		"	"	"	
Lab ID: 1202020-10									**Water - Sampled: 02/06/12 10:30**
Sample ID: TB26									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		110 %		*76-121%*		"	"	"	
Lab ID: 1202020-11									**Water - Sampled: 02/07/12 10:47**
Sample ID: HW15a									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380

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Project Number: R33911	**100 Gypsum Road**	**Reported:** 02/16/12 14:37
Project: Dimock Residential Groundwater	**Stroudsburg PA, 18360**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202020-11									**Water - Sampled: 02/07/12 10:47**
Sample ID: HW15a									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
Surrogate: a,a,a-Trifluorotoluene		109 %		*76-121%*		*B2B0035*	*02/08/12*	*02/08/12*	
Lab ID: 1202020-12									**Water - Sampled: 02/07/12 10:55**
Sample ID: HW15a-P									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		107 %		*76-121%*		"	"	"	
Lab ID: 1202020-13									**Water - Sampled: 02/07/12 07:05**
Sample ID: TB28									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0035	02/08/12	02/08/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		108 %		*76-121%*		"	"	"	
Lab ID: 1202023-01									**Water - Sampled: 02/07/12 13:35**
Sample ID: FB12									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		105 %		*76-121%*		"	"	"	
Lab ID: 1202023-02									**Water - Sampled: 02/07/12 13:48**
Sample ID: HW51									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		108 %		*76-121%*		"	"	"	
Lab ID: 1202023-03									**Water - Sampled: 02/07/12 13:56**
Sample ID: HW51-P									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		107 %		*76-121%*		"	"	"	
Lab ID: 1202023-04									**Water - Sampled: 02/07/12 07:00**
Sample ID: TB27									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		109 %		*76-121%*		"	"	"	
Lab ID: 1202023-05									**Water - Sampled: 02/08/12 11:50**
Sample ID: HW47									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		110 %		*76-121%*		"	"	"	
Lab ID: 1202023-06									**Water - Sampled: 02/08/12 12:25**
Sample ID: HW47-P									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene		108 %		*76-121%*		"	"	"	
Lab ID: 1202023-07									**Water - Sampled: 02/08/12 07:05**

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Project:	Dimock Residential Groundwater	**Stroudsburg PA, 18360**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202023-07									**Water - Sampled: 02/08/12 07:05**
Sample ID: TB29									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			104 %	*76-121%*		"	"	"	
Lab ID: 1202023-08									**Water - Sampled: 02/08/12 09:00**
Sample ID: FB13									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			107 %	*76-121%*		"	"	"	
Lab ID: 1202023-09									**Water - Sampled: 02/08/12 10:41**
Sample ID: HW38									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			112 %	*76-121%*		"	"	"	
Lab ID: 1202023-10									**Water - Sampled: 02/08/12 10:52**
Sample ID: HW38-P									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			109 %	*76-121%*		"	"	"	
Lab ID: 1202023-11									**Water - Sampled: 02/08/12 07:10**
Sample ID: TB30									**Purgeable Petroleum Hydrocarbons by EPA Method 8015C**
TPH as Gasoline		ND	U	50	ug/L	B2B0040	02/09/12	02/09/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			111 %	*76-121%*		"	"	"	

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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2B0035 - 5030 P&T TPH-G - TPH - Purgeable										**Prepared & Analyzed: 02/08/12**
										Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control
Blank (B2B0035-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene		*138*		"	*125*		110	*76-121*		
LCS (B2B0035-BS1)										
TPH as Gasoline	534			50 ug/L	500		107	75-114		200
Surrogate: a,a,a-Trifluorotoluene		*142*		"	*125*		114	*76-121*		
Batch B2B0040 - 5030 P&T TPH-G - TPH - Purgeable										**Prepared & Analyzed: 02/09/12**
										Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control
Blank (B2B0040-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene		*137*		"	*125*		110	*76-121*		
LCS (B2B0040-BS1)										
TPH as Gasoline	509			50 ug/L	500		102	75-114		200
Surrogate: a,a,a-Trifluorotoluene		*140*		"	*125*		112	*76-121*		

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Qualifiers and Comments

U	Not Detected
NR	Not Reported
RE1, RE2, etc:	Result is from a sample re-analysis.